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Search scope: JP (bibliographic data only)

Years: 1971-2005

Patent/Publication No.: ((JP2002203513) and A)

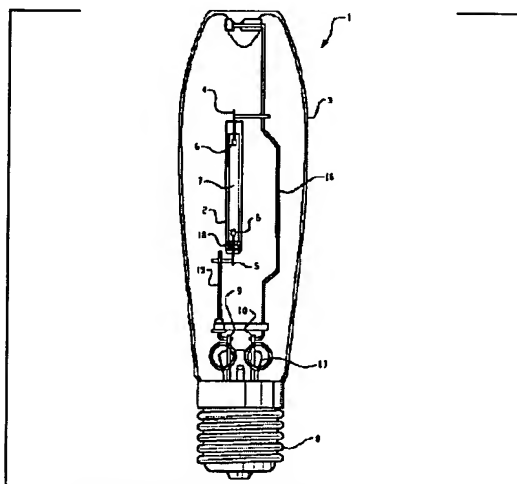
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JP2002203513 A
HIGH PRESSURE DISCHARGE LAMP
GENERAL ELECTRIC CO <GE>

Abstract:

PROBLEM TO BE SOLVED: To provide an alumina light emitting tube (PCA or sapphire) wherein a tendency of diffusion and/or bonding of sodium is reduced. **SOLUTION:** An arc discharge container in which an electrode is installed inside, and which contains encapsulated material is composed of alumina to contain following dopants in the following ratios (ppm) under conditions that it contains Y₂O₃, Sc₂O₃, Dy₂O₃, Tb₂O₃ or these mixture in 5 ppm or more. MgO: 50-1,500; HfO₂: 100-1,500; ZrO₂: 0-700; Y₂O₃: 0-300; Sc₂O₃: 0-1,000; Dy₂O₃: 0-1,000; Tb₂O₃: 0-1,000.



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Application No. 2001338817 JP2001338817 JP, **Filed** 20011105, **A1 Published** 20020719

Int'l Class: H01J06130

Priority:

US 2000 707407 20001106

Patents Citing This One (1):

- WO2003059839-A1 20030724 KONINKLIJKE PHILIPS ELECTRONICS
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List



First



Prev

Go to



Next



Last

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